# User's Guide for Nokia 6210

# List of menu functions

## 1. Messages

1. Write message
2. Inbox
3. Outbox
4. Archive
5. Templates
6. My folders
7. Erase all
8. Message settings
   1. Message centre number
   2. Messages sent as[1]
   3. Message validity[1]
   4. Default recipient number[1]
   5. Delivery reports[1]
   6. Reply to you via same centre[1]
   7. Message profiles[1]

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1. Missed calls
2. Received calls
3. Dialled numbers
4. Erase recent call lists
5. Call duration
   1. Last call duration
   2. All calls' duration
   3. Received calls' duration
   4. Dialled calls' duration
   5. Clear timers
6. Call costs
   1. Last call units
   2. All calls' units

## 3. Profiles

1. General
   1. Activate
   2. Personalise
      1. Incoming call alert
      2. Ringing tone
      3. Ringing volume
      4. Vibrating alert
      5. Message alert tone
      6. Keypad tones
      7. Warning tones
      8. Alert for
2. Silent
   1. Activate
   2. Personalise (same submenus as in General)
   3. Rename
3. Meeting (same submenus as in Silent)
4. Outdoor (same submenus as in Silent)
5. Pager (same submenus as in Silent)
6. Handsfree[2](same submenus as in General plus Automatic Answer and Lights)
7. Headset[3] (same submenus as in General plus Automatic Answer.)

1. Shortcut for this menu option is not available.
2. This profile is shown only if the phone is or has been used with the CARK-91 car kit.
3. This profile is shown only if the phone is or has been used with the HDC-9P headset.

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4. **Settings**
   1. Alarm clock
   2. Clock
   3. Call settings
      1. Anykey answer
      2. Automatic redial
      3. Speed dialling
      4. Call waiting service
      5. Line for outgoing calls
      6. Summary after call[1]
      7. Fax or data call
      8. Own number sending
   4. Phone settings
      1. Language
      2. Cell info display
      3. Welcome note
      4. Network selection
      5. Confirm SIM service actions
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      1. Info service
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      3. Voice mailbox number
      4. Service command editor
   6. Security settings
      1. PIN code request
      2. Call barring service
      3. Fixed dialling
      4. Closed user group
      5. Security level
      6. Change of access codes
         1. Change security code
         2. Change PIN code
         3. Change PIN2 code
         4. Change barring password
   7. Restore factory settings

5. **Call divert**
   1. Divert all voice calls
   2. Divert if busy
   3. Divert if not answered
   4. Divert if out of reach
   5. Divert if not available
   6. Divert all fax calls
   7. Divert all data calls
   8. Cancel all diverts
6. **Games**
7. **Calculator**
8. **Calendar**
9. **Infrared**
10. **Services**
11. **SIM services**[2]

1. If your SIM card does not support the Line for outgoing calls function, Summary after call is menu 4-3-5.
2. Only shown if supported by your SIM card. The name and contents vary depending on the SIM card.

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Issue 1

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# Quick & easy

Thank you for choosing this phone! These pages give you some tips on using your phone. For more detailed information, read through the owner guide.

## Making your first call

Before you can make your first call, see "Getting started" on page 10 to learn how to

- insert the SIM card,
- install and charge the battery,
- switch on your phone.

1. Key in the area code and phone number and press .
2. Press to end the call.

## Call functions

**Making a call**
Key in the area code and phone number and press .

**Answering a call**
Press .

**Ending / Rejecting a call**
Press .

**Adjusting earpiece volume**
Press the volume keys on the side of the phone.

**Last number redial**
Press in the standby mode to access the list of last dialled numbers. Scroll with or to the desired number and press .

**Calling your voice mailbox**
Press and hold . If you are asked for the voice mailbox number, key it in and press **OK**.

**Calling by using a voice tag**
First you need to add a voice tag to a number, see "Voice dialling feature" on page 18. Then press and hold **Names** and say the voice tag to make a call.

## Phone book functions

**Quick save**
Key in the phone number and press **Options**. Select *Save* and key in the name and press **OK**.

**Quick find**
In the standby mode, press , key in the first letter of the name, then scroll with or to the desired name.

## Entering menus

**Entering a menu**
Press **Menu**, scroll with or to the desired menu function and press **Select**.

**Exiting a menu**
Press to exit a menu function without changing its settings and return to standby mode.

## Other essential functions

**Locking / Unlocking the keypad**
Press **Menu**, then (within 2 seconds). Press **Unlock**, then .

**Quick exit**
Press to exit any function and to return to the standby mode.

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# For your safety

Read these simple guidelines. Breaking the rules may be dangerous or illegal. Further detailed information is given in this manual.

## ROAD SAFETY COMES FIRST

Don't use a hand-held phone while driving; park the vehicle first.

## INTERFERENCE

All wireless phones may get interference which could affect performance.

## SWITCH OFF IN HOSPITALS

Follow any regulations or rules. Switch phone off near medical equipment.

## SWITCH OFF IN AIRCRAFT

Wireless phones can cause interference. Using them on aircraft is illegal.

## SWITCH OFF WHEN REFUELING

Don't use phone at a refuelling point. Don't use near fuel or chemicals.

## SWITCH OFF NEAR BLASTING

Don't use phone where blasting is in progress. Observe restrictions, and follow any regulations or rules.

## USE SENSIBLY

Use only in normal position (to ear). Don't touch the antenna unnecessarily.

## USE QUALIFIED SERVICE

Only qualified service personnel must install or repair equipment.

## ACCESSORIES AND BATTERIES

Use only approved accessories and batteries. Do not connect incompatible products.

## CONNECTING TO OTHER DEVICES

When connecting to any other device, read its user's guide for detailed safety instructions. Do not connect incompatible products. Remember to make backup copies of all important data.

## MAKING CALLS

Ensure the phone is switched on and in service. Enter the phone number, including the area code, then press . To end a call press . To answer a call press .

## EMERGENCY CALLS

Ensure the phone is switched on and in service. Press as many times as needed (e.g. to exit a call, to exit a menu, etc.) to clear the display. Enter the emergency number, then press . Give your location. Do not end the call until told to do so.

## INFRARED PRECAUTIONS

Do not point the IR beam at anyones's eyes or allow it to interfere with other IR devices.


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# General information

This chapter gives you some general information on your new Nokia phone and this owner guide.

## Stickers in the sales package

The stickers contain important information for service and customer support purposes.

Attach the A sticker on detail page of this owner guide.

## Security code

The security code 12345 is supplied with your phone. To avoid unauthorised use of your phone, change the code in the *Settings* menu, see "Security level (Menu 4-6-5)" on page 38 and "Change of access codes (Menu 4-6-6)" on page 38. Keep the new code secret and in a safe place separate from your phone.

## Network services

The wireless phone described in this user guide is approved for use on the GSM900 and GSM1800 networks.

Note that Dual band functionality is a network-dependent feature. Check with your local service provider if you can subscribe to and use the dual band functionality.

A number of features included in this user's guide are called network services. They are special services provided by wireless service providers. Before you can take advantage of any of these network services, you must subscribe to these service(s) from your home service provider and obtain instructions for their use.

## Accessories

The following manufacturer-approved rechargeable batteries are available for your phone: Li-Ion batteries BLS-2N and BLS-4, NiMH battery BMS-2S and Li-Polymer battery BPS-1.

This apparatus is intended for use when supplied with power from ACP-7, ACP-8 ACP-9 and LCH-9 battery chargers. Other usage will invalidate any approval given to this apparatus and may be dangerous.

**Warning!** Use only batteries, chargers and accessories approved by the phone manufacturer for use with this particular phone model. The use of any other types will invalidate any approval or warranty applying to the phone, and may be dangerous.

For availability of approved accessories, please check with your dealer.

When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

## Typographics used in this guide

The display texts that appear on the phone display are indicated in italic type face, for example *Calling*.

The display texts related to the selection keys are indicated in bold type face, for example **Answer**. Only the selection key texts without the key symbols are shown in the text.

In this owner guide all key presses are represented by icons such as and .

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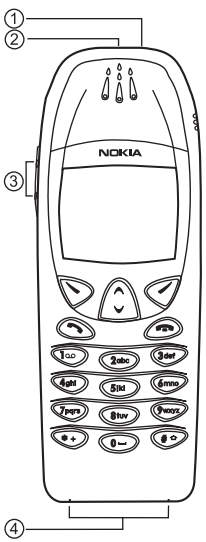
# 1. Your phone

The phone is equipped with the keys given below.




1. Power key
2. Infrared (IR) port
3. Volume keys
4. Connectors for external devices

**Power key:** Switches the phone on or off. Pressing this key briefly while in the standby mode or during a call will result in the list of profiles being displayed. Pressing the power key briefly while in the phone book or menu functions will turn the phone's display light on for 15 seconds.

**Selection keys:** Each of these keys performs the function indicated by the text shown on the display immediately above it, e.g. **Select** or **OK**.

**Scroll keys:** Use these keys to scroll through names, phone numbers, menus or setting options.

Dials a phone number and answers a call. When in the standby mode: shows the most recently dialled number.

Ends or rejects a call. Also exits from any function at any time.

Enter numbers and characters. 1 calls your voice mailbox when pressed and held.

Used for various purposes in different functions.

**Volume keys:** The upper key increases and the lower key decreases the earpiece volume.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## The display indicators

Display indicators and icons inform you about the operation of your phone.

### Standby mode

The indicators described below are shown when the phone is ready for use, with no characters entered by the user. This screen is called standby mode.

xxxxxxx Indicates in which cellular network the phone is currently used.

Shows the signal strength of the cellular network at your current location. The higher the bar, the stronger the signal.

Shows the battery charge level. The higher the bar, the more power in the battery.

### List of essential indicators in the standby mode

In addition to the above three indicators, one or more of the following icons may be shown when the phone is in the standby mode:

Indicates that you have received one or several text or picture messages. See "Messages (Menu 1)" on page 24.

Indicates that you have received one or several voice messages. See "Messages (Menu 1)" on page 24.

Indicates that the phone doesn't ring at an incoming call. See "Profiles (Menu 3)" on page 32.

Indicates that the phone's keypad is locked. See "Keypad lock (Keyguard)" on page 8.

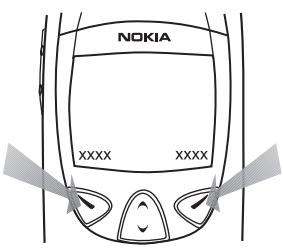
Indicates that you have set the alarm clock to *On* or that you have set an alarm for a calendar note. See "Alarm clock (Menu 4-1)" on page 34 and "Calendar (Menu 8)" on page 40.

Indicates that all your calls are diverted. See "Call divert (Menu 5)" on page 38.

Indicates that your calls are limited to a closed user group (network service). See "Closed user group (Menu 4-6-4)" on page 37.

### The selection keys

Below the display you will find the two selection keys:




The function of these keys depends on the guiding texts shown above the keys. For example, when the text **Menu** appears above the key, pressing this key enters the menu functions.

Similarly, pressing the key under the text **Names** allows access to the phone book functions. Pressing and holding **Names** activates voice dialling.

In this owner guide, the selection keys are indicated by the relevant guiding text in bold type.

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## Keypad lock (Keyguard)

This feature locks the keypad to prevent the keys being accidentally pressed (for example when your phone is in your pocket or in your purse).

### To lock the keypad:

When in the standby mode, press **Menu** and then * within two seconds.

When the keypad is locked, appears at the top of the display.

### To unlock the keypad:

Press **Unlock** and then *.

### When the keyguard is on:

To answer a call, press . To end or reject a call, press . During a call, the phone can be operated in the normal way.

**Note:** When Keyguard is on, calls may be possible to the emergency number programmed into your phone (e.g. 112 or other official emergency number).

Key in the emergency number and press . The number is displayed only after you have keyed in its last digit.


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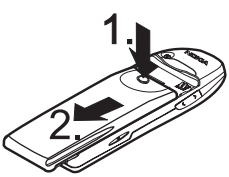
# 2. Getting started

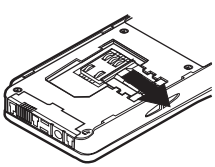
## Installing the SIM card

- Keep all miniature SIM cards out of the reach of small children.
- The SIM card and its contacts can easily be damaged by scratches or bending, so be careful when handling, inserting or removing the card.
- Before installing the SIM card, always make sure that the phone is switched off and then remove the battery.

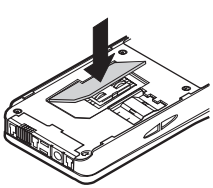
1. With the back of the phone facing you, press the release button (1.). Slide the battery off the phone (2.).



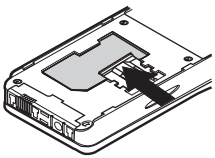

2. Release the SIM card holder by sliding it to the right.



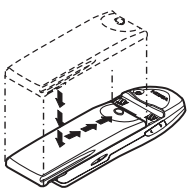
3. Insert the SIM card ensuring that the bevelled corner is on the bottom right and the golden contact area is facing downwards.



4. Slide the card holder to the left to lock the card in its place.

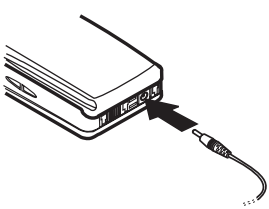


5. Place the battery on the back of the phone and slide it up the body of the phone until it locks into place.



## Charging the battery

1. Attach the lead from the charger to the socket on the bottom of your phone.



2. Connect the charger to an AC wall outlet. The battery indicator bar starts to scroll.

   The text *Charging* is displayed briefly if the phone is switched on. You can use the phone while charging.

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If the battery is totally flat, it may take a few minutes before the charging indication appears on the display or any calls can be made.

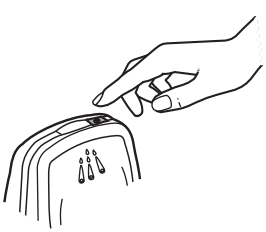
The charging time depends on the charger and battery used. For example, charging a BLS-2 battery takes about 4 hours.

3. The battery is fully charged when the battery indicator bar stops scrolling, and the text *Battery full* is briefly displayed (if the phone is on).
4. Disconnect the charger first from the AC outlet and then from the phone.

If the text *Not charging* is displayed, charging has been suspended. Wait for a while, disconnect the charger, plug it in again and retry. If charging still fails, contact your dealer.

For more information, see "Battery information" on page 50.

## Switching the phone on and off



Press and hold the ⏻ key for a second.

### If the phone requests a PIN code:

The PIN code is usually supplied with the SIM card.

- Key in the PIN code (displayed as ****), and press **OK**.

  See also "Access codes" on page 50.

### If the phone requests a security code:

- Key in the security code (displayed as *****), and press **OK**.

  See also "Access codes" on page 50.

**Warning!** Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

**Note:** Your phone has a built-in antenna. As with any other radio-transmitting device, do not touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed. Not touching the antenna during a call optimizes the antenna performance and the talk-time of your phone.

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# 3. Call functions

## Making and answering calls

### Making calls

1. Key in the phone number including the area code.

   To edit a number on the display, press to move the cursor to the right and to move it to the left. Press **Clear** to delete the character to the left of the cursor.
2. Press to call the number.
3. Press to end the call (or to cancel the call attempt).

**Normal position:** Hold the phone as you would hold any other telephone.

**Note:** When you are using the phone with the car kit CARK-91, you can switch from handsfree mode to privacy mode by picking up the external handset HSU-1. To switch back to handsfree, first press **Options** and then put down the handset within 5 seconds.

#### International calls

1. Press twice for the international prefix (the + character replaces the international access code).
2. Enter the country code, the area code without 0 and the phone number.
3. To call the number, press .

#### Making a call using the phone book

1. Press **Names**.
2. Press **Select** when *Search* is highlighted.
3. Key in the first letter of the name and press **Search**.
4. Use and to reach the desired name.
5. Press .

#### Last number redial

The last ten phone numbers you called or attempted to call are stored in the phone's memory. To redial one of these last-dialled numbers:

1. When in the standby mode, press once to access the list of the last-dialled numbers.
2. Use or to reach the desired number or name.

#### Calling your voice mailbox

1. Press and hold when in the standby mode.
2. If the phone asks for the voice mailbox number, key it in and press **OK**. You obtain this number from your service provider. To edit this number at a later time, see "Voice mailbox number (Menu 4-5-3)" on page 36.

#### Speed dialling a phone number

If you have assigned a phone number to one of the speed dialling keys ( to ), you can call that phone number in either of the following ways:

- Press the corresponding speed dialling key and press .
- If the *Speed dialling* function is set to *On*: Press and hold the corresponding speed dialling key ( to ) until the call is started.

  See "Assigning a phone number to a speed dial key" on page 19 and "Speed dialling (Menu 4-3-3)" on page 34.

**Note:** Pressing and holding dials your voice mailbox number.

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## Answering a call

1. To answer the call, press .
2. Press  to end the call.

**Tip:** To reject an incoming call, press . If the *Divert if busy* function is activated to divert the calls, for example to your voice mailbox, rejecting an incoming call will also divert the call. See "Call divert (Menu 5)" on page 38.

# In-call options

Your phone provides a number of functions that you can use during a call. Many of the in-call options are network services.

By pressing **Options** during a call some or all of the following in-call options may be available:

- *Hold* or *Unhold* (to put a call on hold or to unhold a call)
- *New call* (to make a call when you have a call in progress)
- *Send DTMF* (to send DTMF tone strings stored in the phone book, for example, passwords or bank account numbers)
- *End all calls* (to end all calls)
- *Phone book* (to access the phone book)
- *Menu* (to access the Menu)
- *Mute* (to mute the phone's microphone)
- *Swap* (to switch between the active call and the call on hold)
- *Transfer* (to connect a call on hold with an active call and to disconnect yourself from both calls)

## Call waiting

This network service allows you to answer an incoming call while you have a call in progress if you have activated the menu function *Call waiting service* (Menu 4-3-4).

1. Press **Answer** or . The first call is put on hold.
2. To switch between the two calls, press **Swap** or .
3. To end the active call, press , (or to end both calls at the same time, press **Options**, scroll to *End all calls* and press **OK**.)

**Tip:** If you do not want to answer the call, you can ignore it or reject it. To reject the call, press **Options**, then scroll to *Reject* and press **OK**. If you have activated the call divert *Divert if busy* (Menu 5-2), a rejected call will also be diverted.

## Call holding

This network service allows you to make another call while you have a call in progress.

1. Press **Hold**. The first call is put on hold.
2. Make the second call.
3. To switch between the two calls, press **Swap** or .

   To end the active call, press .

**Tip:** You can also mute the line for a while. Press **Options**, scroll with  or  to **Mute**. When you want to resume the muted call, press **Unmute**.


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## Making a conference call

This network service allows up to six persons to take part in a conference call.

1. Make a call to the first participant.
2. Press **Options** and scroll to *New call* and press **Select**. Make the call to the second participant. The first call is put on hold.
3. To join the first participant in the conference call, press **Options**, choose *Conference* and press **Select**.
4. To add a new person to the call, repeat steps 2 and 3.
5. To have a private conversation with one of the participants:
   - Press **Options**, scroll to *Private* and press **Select**, then scroll to the desired participant and press **OK**. Once you have finished the private conversation, return to the conference call as described in step 3.
6. To end the conference call, press .

## Transferring a call

When you have one call active and one on hold, this network service allows you to connect the two calls and to disconnect yourself from both calls.

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# 4. Phone book (Names)

## About the phone book

You can store names and phone numbers in the phone's internal phone book or in the memory of the SIM card. You can only use one memory at a time. For storing names and phone numbers, see "Storing names and numbers" on page 15.

- The phone's internal phone book can store 500 names with 3 numbers and one textual note per name. However, if you have less than 500 names stored in the phone's internal phone book, you may be able to store up to 5 numbers and two textual notes per name. "Storing multiple numbers and text items per name" on page 16.
- The phone supports SIM cards that can store up to 250 names and phone numbers.

### Entering a phone book function

- When in the standby mode: Press **Names**, scroll with ▽ or △ to the desired function and press **Select**.

  During a call: Press **Options**, scroll with ▽ or △ to *Phone book*, and press **Select**. Scroll to the desired function and press **Select**.

  **Tip:** To quickly access the list of stored names and numbers, press ▽ or △ when the phone is in the standby mode.

  The header line on top of the display helps you to locate where you are in the phone book.

### Selecting the phone book

You can set the phone to use its internal phone book or the memory of the SIM card for storing names and numbers.

**Note:** If you want to store multiple numbers and text items per name or attach voice tags to numbers, you must set the phone to use its internal phone book. If you have the numbers stored in the SIM card, first copy them to the phone. See "Copying phone books" on page 14.

1. When in the standby mode, press **Names**.
2. Scroll with ▽ or △ to *Options* and press **Select**.
3. Press **Select** when *Memory in use* is displayed.
4. Scroll to *Phone* (to set the phone to use its internal phone book) or *SIM card* (to set the phone to use the memory of the SIM card) and press **Select**.

**Note:** After the SIM card is changed, the SIM phone book is automatically selected.

### Copying phone books

You can copy names and phone number from the phone's memory to your SIM card's memory or vice versa.

1. In the standby mode, press **Names**.
2. Scroll to *Copy* and press **Select**.
3. Scroll with ▽ or △ to the desired copying direction (*From phone to SIM card* or *From SIM card to phone*) and press **Select**.


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4. Scroll to *One by one* , *All* or *Default Nos.* and press **Select**.

   If you selected *One by one*, scroll to the name you want to copy and press **Copy**.

   Note that when you copy *From SIM card to Phone*, the text *Default Nos.* is not shown.

5. Select whether you want to keep the original names and numbers.

6. If you selected *All* or *Default Nos.*, press **OK** when the text *Start copying?* is displayed.

## Storing names and numbers

1. Press **Names**, scroll to *Add name* and press **Select**.

2. Key in the name; press a number key (1 to 9) repeatedly until the desired character or number appears. The most common punctuation marks and special characters are available under the number key 1. To insert a space, press 0.

   **Note:** All characters available under a number key are not printed on the key. The characters available under a number key depend on the language selected in the menu 4-4-1.

   **Tip:** When entering names in the phone book, the phone uses title case, which automatically writes the first character of a name in upper case and the rest of the word in lower case.

3. Press **OK**.

4. Key in an area code and phone number, and press **OK**. If you wish to add a voice tag, see "Adding a voice tag to a phone number" on page 18.

**Writing text:**

- If the next letter is located on the same key as the present one, press ▽ or △ (or wait until the cursor appears again) and then key in the letter.
- To switch between upper case and lower case, press # quickly. The symbol **ABC** or **abc** shown at the top of the display indicates the selected case.
- To insert a number, press and hold the key labelled with the desired number. Number mode is indicated by **123** at the top of the display. To switch between letters and numbers, press and hold #.
- Pressing * brings up a list of special characters. Move through the list to the desired character with ▽ or △ and press **Select** to insert it in the name.
- If the character list continues on to another screen, you can scroll between the screens by pressing *.
- If you make a mistake, you can remove characters to the left of the cursor by pressing **Clear** as many times as necessary. Pressing and holding **Clear** will clear the screen.
- ▽ and △ move the cursor right and left, respectively.

**Tip:** If you key in the + character for the international prefix (press * twice) in front of the country code, you will be able to use the same phone number when you are calling from abroad.

**Quick save**:

When in the standby mode, key in the phone number, press **Options**, and select **Save**. Then, enter the name and press **OK**.

Or, if you wish, save the number only: key in the phone number and press and hold **Options**.

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### Setting the type of view for stored names and numbers

You can set your phone to show the stored names and numbers in two different ways.

1. Press **Names**, scroll with ▽ or △ to *Options* and press **Select**.
2. Scroll to *Type of view* and press **Select**.
3. Scroll to *Name list* (shows three names at a time) or *Name & number* (shows one name and phone number at a time) and press **OK**.

## Storing multiple numbers and text items per name

You can use your phone as a contact manager, since the phone's internal phone book allows you to store multiple phone numbers as well as text, such as an E-mail address, a street address or a note under a name. You can store up to 2 text items per name.

The first number stored under a name is automatically set as the default number. When you select a name from the phone book, e.g. to make a call or to send a message, the default number is used unless you select another number. You can store up to 5 numbers per name.

For each number or text item you can select a number type. If you do not select any number type, ☎ will be used as the number type. The default number is indicated by the box around the number type icon, e.g. ☎.

### Adding a new number or text item to a name:

Multiple numbers can be stored only in the phone's memory.

**Note:** Before storing names and numbers, change the memory in use from *SIM card* to *Phone*. For instructions, see "Selecting the phone book" on page 14.

1. Enter the names list, for example, by pressing ▽ or △.
2. Scroll with ▽ or △ to the name to which you want to add a new number or text item and press **Details**.
3. Press **Options** and scroll to *Add number* or to *Add text* and press **Select**.
4. Scroll to one of the number or text types and press **Select**.

   ☎ *General* (default type when no other type is selected)
   *Mobile*
   *Home*
   *Office*
   *Fax*
   *E-mail* (text type)
   *Postal add:* (text type)
   *Note* (text type)

   You can later change the number or text type by using the *Change Type* option in the option list.
5. Enter the number or enter the text and press **OK** to save it.
6. Press **Options** (and then repeat steps 3-4) if you wish to continue adding numbers or text items to the name. Press **Back**, and then **Exit** to exit the phone book and to return to the standby mode.

### To change the default number:

1. Once in the names list, scroll to the desired name and press **Details**.
2. Scroll with ▽ or △ to the number you want to set as the default number, press **Options**.
3. Scroll to *Set as default* and press **Select**.


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## Searching and calling from the phone book

1. In the standby mode, press **Names**.
2. Scroll to *Search* and press **Select**.
3. Key in the first character of the name (or press **List** to access the list of names) you are searching for and press **Search**. The pop-up window appears.
4. Scroll with ▽ or △ to the desired name, or enter more search criteria in the pop-up window and then scroll to the desired name.
5. Once the desired name is highlighted, press **Options**, scroll to *View details* to view the details of the highlighted name, or press ✆ to call the highlighted name.

**Tip:** To quickly find a name and phone number, press ▽ or △ (when in the standby mode), key in the first letter(s) of the name, then scroll with ▽ or △ to the desired name.

### Calling service numbers

Using this function you can easily call any of the service numbers your service provider may have stored in your SIM card. This function is not displayed if there are no service numbers stored in your SIM card.

1. In the standby mode, press **Names**.
2. Scroll with ▽ or △ to *Service Nos.* and press **Select**.
3. Scroll to the desired service number, and press ✆ to call the number.

## Voice dialling feature

The voice dialling feature allows you to make phone calls by saying a voice tag that has been added to a desired phone number. Any spoken word(s) such as a person's first name, surname and type of number (e.g. *Mobile*) can be a voice tag.

**Before using voice dialling, note that:**

- Voice tags can be stored only in the phone's memory. Save or copy the phone numbers, to which you want to add a voice tag, in your phone's memory.
- When recording a voice tag or making a call by saying a voice tag, hold the phone in the normal position near to your ear.
- Voice tags are not language dependent. They are dependent on the speaker's voice.
- Voice tags are sensitive to the background noise; record voice tags in a quiet environment.
- Very short names are not accepted; use long names and avoid similar names for different numbers.

  **Note:** The phone must be in a service area with adequate cellular signal strength. Also, you must say the name exactly as you said it when you recorded it. This may be difficult in, for example, a noisy environment or during an emergency, so you should not rely solely upon voice dialling in all circumstances.

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### Adding a voice tag to a phone number

Voice tags can only be added to the phone numbers stored in the phone's memory. First, change the memory in use from *SIM card* to *Phone*, see "Selecting the phone book" on page 14 for instructions. Then, save a name and number(s) in the phone's memory, see "Storing names and numbers" on page 15 and "Storing multiple numbers and text items per name" on page 16 for instructions.

1. Enter the names list, for example, by pressing ▽ or △.
2. Scroll with ▽ or △ to the name to which you want to add a voice tag and press **Details**.
3. Use the scroll keys ▽ or △ to select the number to which you want to add a voice tag.
4. Press **Options** and scroll with ▽ or △ to *Add voice tag* and press **Select**.
5. Press **Start** when the text *Press Start, then speak after* tone is displayed: the phone sounds a starting tone and *Please speak now* is displayed.
6. Hold the phone near to your ear and say clearly the word(s) you want to record as a voice tag after you hear the starting tone.
7. After recording, the phone plays the recorded tag and *Playing voice tag* is displayed. If you do not want to save the recording, press **Stop**.
8. When the voice tag has been successfully saved, *Voice tag saved* is displayed and a beep sounds.

   The voice tag is now stored in the phone's memory and a symbol appears after the phone number with the voice tag.

   **Note:** At any given time ten phone numbers can have a voice tag attached. When the memory becomes full, delete some of the voice tags; use the scroll keys ▽ or △ to find the number you want to erase a voice tag from.

### Making a call by using a voice tag

1. In the standby mode, press and hold **Names** to start the voice dialling: a short tone is played and *Please speak now* is displayed.
2. Hold the phone in the normal position near to your ear and say the voice tag clearly.
3. The phone plays the name and then automatically dials the number of the recognised voice tag after 1.5 seconds.

- If the text *No voice tags saved* is displayed after you press and hold **Names**, make sure that the phone's memory is in use.

#### Making a call using the HDC-9P headset

1. Press the Headset key: a short tone is played.
2. Say the voice tag clearly.
3. The phone plays the recognized tag and then automatically dials the number of the recognized voice tag after 1.5 seconds.


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### Replaying a voice tag

You can replay voice tags after they have successfully been associated with a number.

1. In the standby mode, press **Names** to access the phone book.
2. Search for the name with the voice tag you wish to replay.
3. Press **Details**. Use the scroll keys or to find the desired number. The symbol is displayed after the phone number with the voice tag.
4. Press **Options**. Scroll to *Voice tag* and press **Select**.
5. Scroll to *Playback* and press **Select**. Hold the phone near to your ear to listen to the voice tag.

### Changing a voice tag

1. In the standby mode, press **Names** to access the phone book.
2. Search for the name with the voice tag you wish to change.
3. Press **Details**. Use the scroll keys or to find the desired number. The symbol is displayed after the phone number with the voice tag.
4. Press **Options**. Scroll to *Voice tag* and press **Select**.
5. Scroll to *Change* and press **Select**: *Press Start, then speak after tone* is displayed.
6. Press **Start**: the phone sounds a starting tone and *Please speak now* is displayed.
7. Say the new voice tag clearly. The phone replays the new voice tag and confirms that the new voice tag has been stored.

### Erasing a voice tag

1. In the standby mode, press **Names** to access the phone book.
2. Search for the name with the voice tag you wish to erase.
3. Press **Details**. Use the scroll keys or to find the desired number. The symbol is displayed after the phone number with the voice tag.
4. Press **Options**. Scroll to *Voice tag* and press **Select**.
5. Scroll to *Erase* and press **Select**: *Erase voice tag?* is displayed.
6. Press **OK** to erase the voice tag.

## Assigning a phone number to a speed dial key

You can set any of the number keys 2abc – 9wxyz to work as a speed dialling key. To do this you need to assign a phone number to a number key.

1. Press **Names** and scroll to *Speed dials* and press **Select**.
2. Scroll to the desired speed dial key (2 to 9), and press **Assign**.
3. Press **Search**, and scroll to the desired name and press **Select**.
4. Press **Select** to assign the displayed number. Alternatively, if you have stored more than one number under the name, scroll with or to the desired number and press **Select**.

After assigning a number to a speed dial key, you can call, view or change the number or undo the speed dial.

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### Making a call by using the speed dialling keys

When a phone number is assigned to one of the speed dialling keys (2abc to 9wxyz), you can call the phone number in either of the following two ways:

- Press the corresponding speed dialling key and press .
- If you have set the menu function *Speed dialling* (Menu 4-3-3) to on, press and hold the corresponding speed dialling key until the call is started.

**Tip:** Pressing and holding 1oo dials your voice mailbox number.

## Organising the phone book

### Editing a name and number

1. Recall the name or number you want to edit and press **Details**. Then press **Options**.
2. Scroll to *Edit name* or *Edit number* and press **Select**.
3. Edit the name or number and press **OK**.

### Erasing a name and number

You can remove names and phone numbers from the selected phone book one by one or all at once.

#### To erase a name and number

1. Recall the name and number you want to edit and press **Details**. Then press **Options**.
2. Scroll to *Erase* and press **Select**.

**Note:** If you have stored multiple numbers per name, the option *Erase* deletes the name, all the numbers and the text types stored under it.

#### To erase all names and numbers

1. Press **Names**, scroll to *Erase* and press **Select**.
2. Scroll to *Erase all* and press **Select**.
3. Scroll to the phone book you want to erase (*SIM card* or *Phone*) and press **OK**.
4. Press **OK** when the text *Are you sure?* is displayed and then key in your security code and press **OK**.

## Sending and receiving names and phone numbers to/from a compatible phone

You can send or receive a person's contact information as a business card either via IR or as an Over The Air (OTA) message if supported by the network.

To send a business card as an OTA message, find the desired name and number from the phone book and then use the option *Send card*.

To send a business card via IR, use the option *Send card via IR*. See also "Copying via IR" on page 21.

When you receive a business card, press **Show**. Then press **Options**, select *Save* or *Discard*, and press **Select**.


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## Copying via IR

### Copying a name and number from your phone

Using your phone's infrared (IR) port, you can send phone book entries as business cards to a compatible phone or PC which is running an appropriate application.

For using your phone to send or receive data from such compatible devices, you need the appropriate communications software installed on them. Detailed installation instructions and the required system files can be found on the CD-ROM supplied with the phone or on the Nokia website (www.forum.nokia .com). Also refer to section 7. Data and Fax Communications.

1. Make sure that the other phone or the PC is set up to receive data via its IR port.
2. Recall the name and phone number to be copied.
3. Press **Options**, scroll to *Send card via IR* to copy the phone number and name to another phone or PC.
4. Press **Select**.

### Copying a name and phone number to your phone

To copy names and phone numbers from another compatible phone.

1. Press **Menu**, scroll to *Infrared* (Menu 9) and press **Select**. Your phone is ready to receive data through its IR port.

   The user of the other phone can now send the name and phone number via Infrared.
2. Once the name and phone number have been copied to your phone, press **Show**. Then press **Options**, select *Save* or *Discard*, and press **Select**.

## Caller groups

You can set the phone to sound a specific ringing tone and show a selected graphic on the display when you receive a call from a particular name and phone number. To do this, first include a name and number in a caller group. Then, define a ringing tone and graphic for this group.

**Note:** You can set the phone to ring only upon receiving calls from names and numbers that belong to a specific caller group by using the *Alert for* setting under the *Profiles* menu, see "Customising Profiles" on page 32.

### Adding a name and phone number in a caller group

1. Press **Names** scroll with ▽ or △ to *Caller groups*, and press **Select**.
2. Scroll to the desired caller group and press **Select**.
3. Scroll to *Members* and press **Select**.
4. Press **OK** when *Add name* is highlighted, then scroll to the desired name and press **Add**.
5. If you have more than one number stored under the name, scroll to the number which you want to add to the caller group and then press **OK**.

**Tip:** You can also add a new name to a caller group by first recalling the desired name and number from the phone book, then pressing **Details,** then **Options**, then scrolling to *Caller groups* and pressing **Select**, and then scrolling to the desired caller group and pressing **Select**.

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### Setting a ringing tone and graphic for a caller group and renaming a caller group

1. Press **Names**, scroll to *Caller groups* and press **Select**.
2. Scroll to one of the caller groups and press **Select**.
3. Scroll to one of the following settings and press **Select**.
   - *Group title*. To rename the caller group, key in a new name and press **OK**.
   - *Group ringing tone*. To set the phone to ring a specific ringing tone for the group, scroll to the desired tone and press **OK**. *Default* is the tone selected for the currently selected profile.
   - *Group graphic*. To set the phone to display the group graphic, scroll to *On* and press **OK**.

The option list includes options for viewing and sending (*Send graphic*) the graphic to a compatible phone, as an Over The Air (OTA) message, if supported by your network.

You can also receive a new group graphic to your phone as an OTA message. When you receive a group graphic, press **Show**, then press **Options**, select *Save* or *Discard* and press **Select** . If you selected *Save*, reach the desired caller group and press **OK**.

### Removing a name and number from a caller group

1. Press **Names**, scroll to *Caller groups* and press **Select**.
2. Scroll to the desired caller group and press **Select**.
3. Scroll to *Members* and press **Select**.
4. Scroll to the name you want to remove, press **Options** and scroll to *Remove name* and press **OK**.

## Memory status

You can check what percentage of the phone's internal memory is in use or how many names and numbers are stored on the SIM card's memory and how much memory is still free.

1. When in the standby mode, press **Names**.
2. Scroll with ▽ or △ to *Options* and press **Select**.
3. Scroll with ▽ or △ to *Memory status* and press **Select**. The status of the SIM card is displayed.
4. Press ▽ or △ to see the status of the phone's internal memory.


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# 5. Using the Menu

The phone offers you an extensive range of functions which are grouped in menus and submenus. The menus and submenus can be accessed by scrolling with ▽ or △ or by using the appropriate shortcut number. The header line on top of the display helps you to locate where you are in the menu.

Most of the menu functions are provided with a brief help text. To view the help text, scroll to the desired menu function and wait for 15 seconds. To exit the help text, press **Back**.

## Accessing a menu function by scrolling

1. To access the menu facility, press **Menu**. Press ▽ or △ to reach the desired main menu, e.g. *Settings*. Press **Select** to enter the menu.
2. If the menu contains any submenus, find the one you want by scrolling with ▽ or △. Press **Select** to enter the submenu (e.g. *Call settings*).
3. If the menu you have selected contains submenus, repeat step 2. Press **Select** to enter the next submenu (e.g. *Anykey answer*).
4. Press ▽ or △ to find the setting of your choice and confirm the chosen setting.

**Tip:** To return to the previous menu level, press **Back**. To exit the menu without changing any settings and to return to the standby mode, press ☎.

## Accessing a menu function by using its shortcut number

The menu items (menus, submenus and setting options) are numbered and can be accessed quickly by using their shortcut number. For menu shortcuts, see the list of menu functions.

1. Press **Menu**.
2. Key in quickly, within two seconds, the index number of the menu function you want to access. For example, to set the Anykey function to on: Press **Menu**, 4ghi, 3def and 1oo.
   - **Menu** for entering the menu
   - 4ghi for *Settings*
   - 3def for *Call settings*
   - 1oo for *Anykey answer*

### To access the functions in Menu 1

- Press **Menu** and key in the digits 01. Then key in the rest of the digits of the desired shortcut number.

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# 6. Menu functions

## Messages (Menu 1)

Within the *Messages* menu you can read, write and send text and picture messages or save your own messages in the folders for later use.

**Note**: Before you can send any text or picture messages, you need to store your message centre number with the *Message centre number* option under *Message settings* of this *Messages* menu. Contact your service provider for the message centre number.

### Writing and sending text messages

Within the *Write message* menu you can write and edit text messages of up to 160 characters. You have two methods of writing messages:

- the method used traditionally in mobile phones, indicated by , and
- another called "predictive text input", indicated by .

1. When in the standby mode, press **Menu**, press **Select** when *Messages* is displayed.
2. Press **Select** when *Write message* is displayed.
3. Key in a message.

   **Tip:** When writing a text message, the phone uses the text case, which automatically writes the first character of a sentence in upper case.

   For inserting templates, see "Standard answers and templates" on page 25 and for inserting pictures in your message, see "Inserting pictures" on page 26.

   You can use the traditional text input, described in "Storing names and numbers" on page 15

   Alternatively, use the predictive text input. See "Predictive text input" on page 24.
4. To send the message, press **Options**.
5. Press **Select** when *Send* is highlighted.

   The option list includes options for sending, saving and erasing the message you are writing.
6. Enter the recipient's phone number, or recall the phone number from the phone book by pressing **Search**. Find the desired number and press **OK**.
7. Press **OK** to send the message.

### Predictive text input

Predictive text input allows you to key in any characters by single keypresses. This text input is based on a built-in dictionary to which you can add new words.

#### Selecting language for predictive text input

1. When in the standby mode, press **Menu**, press **Select** when *Messages* is displayed.
2. Press **Select** when *Write message* is displayed.
3. Press **Options** and scroll to *Dictionary* and press **Select**.

   **Note:** Predictive text input is only available for the languages listed in the dictionary option list.
4. Scroll to the desired language and press **Select**. *T9 dictionary activated* is displayed and the predictive text input is now on, indicated by .


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You can change from the predictive text input to the traditional text input by pressing **Options** (when in *Write message* menu) and scrolling to *Dictionary*. Scroll to *Dictionary off* and press **Select**. *T9 dictionary deactivated* is displayed.

**Tip**: Press and hold **Options** to quickly activate or de-activate the predictive text input.

### Writing words with predictive text input

1. Start writing a word by using the keys 2abc to 9wxyz. Press each key only once for one letter.

   For example, to write **Nokia** when the E nglish dictionary is selected, press:

   The word changes after each keystroke - do not pay attention to how the word appears on the display before you have keyed in all its characters.

   - To delete a character, press **Clear**.
   - To change the character case, press #.
   - To change between letter and number mode, press and hold #.
   - To insert a word, press **Options**. Scroll to *Insert word* and press **Select**. Write the word and press **Save**.
   - To insert a single number in character mode, press and hold the respective number key.
   - To insert several numbers, press **Options**. Scroll to *Insert number* and press **Select**. Key in the desired numbers and press **OK**.
   - To insert a symbol, press and hold *. Select the desired symbol and press **Use**.

     Alternatively, press **Options**, scroll to *Insert symbol*, and press **Select**. Scroll to the desired symbol and press **Use**.

2. When you have finished writing the word and it is correct , confirm it by pressing → or adding a space with 0.
3. If the word is correct, start writing the next word.

   If the word is not correct, you have the following options:

   - Press * repeatedly until the desired word appears and confirm it.
   - Press **Options**, scroll to *Next match* and press **Select**.

   If the ? character is displayed after the word, the word you intended to write is not in the dictionary. To add the word to the dictionary, press **Spell**.

### Adding the desired word to the match list

1. If no matches are found in the predictive text input mode, you can insert a new word into the dictionary. Press **Spell** and key in the desired word in traditional text input mode.
2. Press **Save** to save the word.

**Note:** When the dictionary becomes full, the new word replaces the oldest added one.

### Writing compound words

1. Key in the first part of the word and accept it by pressing → .
2. Write the last part of the compound word and accept the word by pressing 0 or → .

## Standard answers and templates

Your phone offers you a list of standard answers and templates which you can use in

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replying to messages. You can also use templates when writing messages.

You can find the list of default templates in the *Templates* folder of the *Messages* menu. You can edit the text message templates to your liking, but the original templates will be restored when the Menu 4-7 is selected (*Restore Factory Settings*).

**To insert a template:**

1. When in *the Write message* menu, press **Options**.
2. Scroll to *Insert template* and press **Select**.
3. Scroll to the desired template and press **Select**.

   The icon is displayed in front of text message templates. The icon is displayed in front of picture message templates.

## Inserting pictures

Your phone offers you 10 picture message templates. You can also save new pictures into the *Templates* folder.

**Note:** This function can be used only if it is supported by your network operator or service provider. Only phones that offer picture messages feature can receive and display picture message.

**To insert a picture in a text message:**

1. When in the *Write message* menu, press **Options**.
2. Scroll to *Attach picture* and press **Select**. The list of picture message templates is displayed.
3. Scroll with or to the desired picture message template and press **View** to view it.

   **Note:** picture templates have default titles but you can change them by selecting the option *Rename* and keying in the new title.
4. To insert the picture into your message, press **Use**. When the picture has been attached to your message, the text *Picture attached* is displayed and the phone returns to the *Write message* menu. The indicator means that the picture has been attached. The number of characters that you can enter in a picture message depends on the size of the picture.
5. If you want to see the text and the picture together before sending the message, scroll to *Preview* and press **Select**.

   If you want to change the attached picture, select the option *Change picture*. If you want to remove the attached picture, select the option *Remove picture*.
6. To send the message, press **Options** and select the option *Send*.


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Or, alternatively:

1. When in the *Messages* menu, scroll to *Templates*. The list of text and picture message templates is displayed.
2. Scroll to the desired picture message template and press **Select**. Then proceed as described above (steps 4-6).
   - Note that each picture message is made up of several text messages. Therefore, sending one picture message may cost more than sending one text message.
   - Since picture messages are saved in the phone's memory, you cannot view them if you use the SIM card with another phone.

## Reading and viewing text and picture messages

When you have received a text or picture message, the ✉ indicator and the number of new messages followed by *Message(s) received* will appear on the display.

1. Press **Show** to view the message or press **Exit** to view it later.

   **To read the text message later:**

   Once in the *Messages* menu, scroll to *Inbox* and press **Open**. Scroll to the desired message and press **Select** to read it. An unread text message is indicated by the ✉ icon in front of it. The message is stored in the *Inbox* folder after you have read it.

   **To view the picture message later:**

   Once in the *Messages* menu, scroll to *Inbox* and press **Open**. Scroll to the desired message and press **Select** to view it. An unviewed picture message is indicated by the ▬ icon in front of it.
2. While reading and viewing the message, press **Options** to scroll through the list of options and press **Select** at the highlighted option to select it.

   The option list includes options for erasing, replying, forwarding, moving, editing, and renaming the message you are reading. You can also change the font size of the message you are reading.
   - Note that when you are replying to a picture message, only the text is copied to your reply message. When you are editing a picture message, only the text can be edited, not the picture.
   - If you want to save the picture for later use select the option *Save picture*: the picture is saved in the *Templates* folder.

     You can also copy the message to your phone's calendar as a reminder note (*Copy to cal.*). The *Details* option shows you, e.g., the sender's name and phone number, message centre used for sending, reception date and time. If you want to extract numbers from the current message, use the option *Use number*.

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### Replying to a message

1. Once in a message you want to reply to, press **Options**, scroll to *Reply* or to *Reply (text)* if you are replying to a picture message, and press **Select**.
2. Scroll to one of the following reply types and press **Select**.
   - *Empty screen.* Original message is not included in the reply message.
   - *Orig. message.* Original message is included in the reply message.
   - Standard answers, e.g. *Yes*, *Thank you* or *Congratulations*. Only the selected standard answer is included in the reply message. The standard answer can also be modified and additional text can be added.
   - *Template*. The selected template is included in the beginning of the reply message. The template text can be modified and additional text can be added.
3. If you selected *Template*, the list of templates, including e.g. *Please call* or *See you in*, is displayed. Scroll to the desired template and press **Select**.
4. Write your reply message and press **Options**, scroll to *Send* and press **Select**. Press **OK** to send the message to the displayed number.

## Special sending options

### Sending a message to multiple recipients

You can send a message to multiple recipients. When sending a reply message, use the *Multiple copies* option under *Forw. Options*, and when writing and sending a message, use *Multiple copies* under *Send Options*.

1. After you have written the message, press **Options** scroll to *Send options* and press **Select**.
2. Scroll to *Multiple copies* and press **Select**: the list of names is displayed.
3. Scroll to the desired name and press **OK** to send the message.
4. Then select the next recipient and press **OK**.
5. When you have sent the message to everyone you want to send it to, press **Done**.

### Sending a message by message profile

You can send or forward a message, for example to a fax number, by using the *Message profile* option under *Send Options* or under *Forw. Options* if supported by your network.

For example, in order to send a message to a fax, you first need to define one message profile under the message settings for fax transmissions. See "Message settings" on page 30.

1. After you have written the message, press **Options** and scroll to select *Send options* and press **Select**.
2. Scroll to *Message profile* and press **Select**.
3. Scroll to the message profile you have defined for fax transmissions and press **Select**.
4. Enter the fax number or recall it from the phone book and press **OK**.

**Tip:** If you have stored the fax number under the *Default recipient number* setting of the selected message profile, the phone automatically suggest that number. Press **OK** to accept the number.


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## Organising your messages

All the messages stored in your phone's message memory are organized in folders.

### Inbox and Outbox folders

After you have read an incoming text or picture message, the phone stores the message in the *Inbox* folder of the *Messages* menu.

When you save a message you have written and/or sent, the phone stores the message in the *Outbox* folder.

**Note:** The blinking ✉ icon indicates that the message memory is full. Before you can receive or send new messages, delete some of your old messages.

### Archive folder and user-specified folders

If you want to make sure that certain messages will not be overwritten when the message memory becomes full, or if you want to further organise your messages, you can move some of your messages to the *Archive* folder or you can add new folders under the *Messages* menu and store some of your messages there.

**Adding a folder:**

1. Once in the *Messages* menu, scroll to *My folders* and press **Select**.
2. Press **Options** and scroll to *Add folder* and press **Select**. Enter the name of the new folder and press **OK**.

**Deleting the contents of a single folder or of all the folders:**

1. Once in the *Messages* menu, scroll to *Erase all* and press **Select**.
2. Do either of the following:

   Scroll to the folder whose contents you want to delete and press **OK**. Then press **OK** at the prompt *Erase all read messages from folder?*

   Scroll to *All read* and press **OK** to erase all read messages from all the folders. Then press **OK** at the prompt *Erase all read messages from folder?*

**Deleting a folder:**

1. Once in the *Messages* menu, scroll to *My folders* and press **Select**.
2. Scroll to the folder you want to delete and press **Options**.
3. Scroll to *Remove folder* and press **Select**.

   **Note:** When you delete a folder, all the messages contained in that folder will also be deleted.

**Moving or erasing a text or picture message:**

1. Once in the desired message, press **Options**.
2. Scroll to *Move* or to *Erase* and press **Select**.
3. If you want to move a message, scroll to the selected folder name and press **OK**.

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## Message settings

**To access the message settings list:**

1. Once in the *Messages* menu, scroll to *Message settings* and press **Select**.
2. Scroll to the setting you want to set and press **Select**.

There are two kinds of message settings in your phone, message profile specific settings and settings common to all messages.

A message profile is a group of settings needed for sending messages. The phone uses the settings *Message centre number*, *Messages sent as* and *Message validity* under the *Message settings* menu as a default message profile if you do not select another set when sending a message.

When you, for example, reply to a message and select *Send* or when you write a message and select *Send*, the phone automatically uses the default message profile.

You can also send a message to a fax or to an e-mail address (if supported by your service provider) if you have defined a message profile with the proper settings for fax or e-mail transmissions. See also "Special sending options" on page 28.

### Settings common to all messages

The following message settings under the *Message settings* menu are common to all outgoing messages, irrespective of the selected set.

- *Delivery reports*. You can request the network to send delivery reports on your messages (network service). A delivery report is indicated by an i in front of the message header.
- *Reply to you via same centre*. This network service allows the recipient of your message to send you a reply message via your message centre.

### Message profiles[1]

Within the *Message profiles* submenu of the *Message Settings* you can change the settings of a particular message profile[2]. E ach of the message profiles has its own submenu with the following functions:

- *Message centre number*. With this submenu you can store the phone number of the message centre needed for sending messages.
- *Messages sent as*. For normal messages, select the option *Text*, for fax transmission, select the option *Fax,* etc. Note that you can only use the options *Fax*, *E-mail* and *Paging*, if your messaging service offers the facility to convert the messages into these alternative formats. Contact your service provider for availability of this function.
- *Message validity*. This network service allows you to set the length of time that your messages are stored at the message centre while attempts are made to deliver them.
- *Default recipient number*. The phone will suggest the number stored under this option as a default number for message sending when this message profile is selected.
- *Message profile name*. Allows you to rename each message profile.

1. The message profiles menu is only displayed if your SIM card supports more than one set. Each set appears in its own submenu and may have any name.
2. The number of sets depends on how many sets your SIM card offers.


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## Call register (Menu 2)

Within this menu you can view and delete phone numbers registered by the phone, and view the approximate length and cost of your calls (network service).

In the options of the missed calls, received calls or dialled numbers you can:

- call the number
- save the number in the phone book
- view the date and time of the call
- view, edit or erase the number from the list.

**Note:** The phone registers missed and received calls only if the network supports Calling Line Identification (CLI), the phone is switched on and within the network's service area.

### Missed calls (Menu 2-1)

This function allows you to view a list of the last ten phone numbers from which somebody has tried to call you with no success (network service).

**Tip**: When a note about missed calls is being displayed, press **List** to access the list of missed calls. To call back immediately, press .

### Received calls (Menu 2-2)

This function allows you to view a list of the ten phone numbers from which you have most recently accepted calls (network service).

### Dialled numbers (Menu 2-3)

Within this submenu you can view the ten phone numbers that you have most recently called or attempted to call.

**Tip:** To quickly access the list of last dialled numbers, press once when the phone is in the standby mode.

### Erase recent call lists (Menu 2-4)

This menu allows you to erase all the phone numbers listed in the *Missed calls*, *Received calls* and *Dialled numbers* submenus. Note that you cannot undo the operation.

These phone numbers are also erased in the following cases:

- When you switch on the phone with a SIM card inserted which is not one of the five SIM cards used most recently with the phone.
- When you change the 'Security level' setting (Menu 4-6-5).

### Call duration (Menu 2-5)

This function allows you to view the duration of your incoming and outgoing calls in hours, minutes and seconds. You can also clear the call timers by using the *Clear timers* function (Menu 2-5-5). To clear the timers, you need the security code. See "Access codes" on page 50.

**Note:** The actual time invoiced for calls by your service provider may vary, depending upon network features, rounding-off for billing, and so forth.

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## Call costs (Menu 2-6)

This network service allows you to check the cost of your last call or all calls. The call costs are shown separately for each SIM card. You can limit the cost of your calls to a certain amount of charging units or units of currency by using the option *Call cost limit*. You can make and receive charged calls as long as the specified cost limit is not exceeded. The number of remaining units is shown in the standby mode. You may need the PIN2 code to set the cost limit. You can set the phone to show the remaining talk time (cost limit) in terms of charging units or units of currency by using the option *Show cost*. You may need the PIN2 code to select the currency or unit. Contact your service provider for charging unit prices. The option *Clear counter* s allows you to reset the call cost counters. To clear the counters you need the PIN2 code. See "Access codes" on page 50.

**Note:** When no more charging or currency units are left, only calls to the emergency number 112 may be possible.

The actual time invoiced for calls by your service provider may vary, depending upon network features, rounding-off for billing, and so forth.

# Profiles (Menu 3)

Within the *Profiles* menu, you can adjust and customise the phone tones for different events, environments and caller groups.

## Activating a user profile

If you want to change the currently selected profile (*General* as default), press the key quickly (in the standby mode). Then scroll with or to the profile you want to activate and press **OK**.

**Tip:** Press the key quickly (in the standby mode). Then press the key corresponding to the number of the profile and wait for three seconds. For example, to activate the *Silent* profile, first press the key quickly and then press 2abc.

## Customising Profiles

1. Press **Menu**, scroll to *Profiles* and press **Select**. The following list of options appears: *General*, *Silent*, *Meeting*, *Outdoor*, *Pager*, *Handsfree*, *Headset*.

   **Note:** *Handsfree* and *Headset* will not appear in the *Profiles* list unless the CARK-91 car kit or the HDC-9P headset are connected to your phone. However, the settings for the *Handsfree* and *Headset* will remain in the menu once connected.

2. Scroll to the desired profile and press **Options**.


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3. Select *Personalise* and press **OK**.

   **Note:** Selecting *Activate* only makes the selected profile the current one, the profile cannot be customised in this way.

   When the phone is connected to the CARK-91car kit or the HDC-9P headset, the *Activate* function will not be available.

4. Scroll to the setting you wan to customise and press **Select**.
5. Scroll to the desired option and press **OK**.

### Settings you can personalise

Once you have selected the *Personalise* option, you can customise the following settings of the selected profile:

- *Incoming call alert* to define how the phone notifies you of an incoming voice call. The options are: *Ringing*, *Ascending*, *Ring once*, *Beep Once* and *Off*.

  When *Incoming call alert* is set to *Off*, no ringing tone or other alert tones will be heard. This silent mode is indicated by .

- *Ringing tone* to set the ringing tone type for voice calls.

  **Tip:** If you receive a ringing tone via IR or OTA, you can store five ringing tones at a time in the ringing tone list. If you receive a ringing tone via IR or OTA, and there is no space for the ringing tone in the ringing tone list, you can replace one of the tones in the ringing list with the new ringing tone.

- *Ringing volume* to set the volume level for the ringing and message alert tones.
- *Vibrating alert* to set the phone to vibrate at an incoming voice call and at an incoming message. The vibrating alert does not work when the phone is connected to a charger or desktop stand.
- *Message alert tone* to set the ringing tone type for messages.
- *Keypad tones* to set the volume level for keypad tones or to set the keypad tones off.
- *Warning tones* to set the warning tones on or off. For example, when set to on, the phone sounds a warning tone when the battery is running out of power.
- *Alert for* to set the phone to ring only upon calls from phone numbers that belong to a selected caller group. Use the scroll keys or to reach the desired group and press **Mark**.

  To set a ringing tone and a group graphic for a caller group, see "Setting a ringing tone and graphic for a caller group and renaming a caller group" on page 22.

- *Automatic answer* (in *Handsfree* and *Headset* profiles only) to set the phone to answer an incoming voice call after a few seconds.

  **Note:** This function can only be used when your phone is connected to a headset or to a car kit equipped with the ignition sense option, with the ignition switched on.

- *Lights* (in *Handsfree* profile only) to set the display and keypad lights to *On* or *Automatic*.

## Renaming profiles

You can rename the profiles to your personal liking except for the *General*, *Handsfree* and *Headset* profiles.

1. Press **Menu**, scroll with or to *Profiles* and press **Select**.
2. Scroll to the profile you want to rename and press **Options**, then scroll to *Rename* and press **OK**.
3. Enter the new name and press **OK**. To enter letters, see "Storing names and numbers" on page 15.

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# Settings (Menu 4)

## Alarm clock (Menu 4-1)

You can set the phone to alarm at a specified time within the *Alarm clock* menu (menu 4-1). To access this submenu, press **Menu** (when in the standby mode) then scroll to *Settings* and press **Select**.

The alarm clock uses the time format set for the clock: 12-hour or 24-hour format. In the standby mode, the indicator in the header line shows that the alarm is set to *On*. You can switch the phone off and the alarm clock will still work.

**When the alarm time expires**

The phone will sound an alert tone. When the phone is alerting, *Alarm!* is also shown and the phone's lights flash.

Press **Stop** to stop the alarm. If you let the phone alarm for a minute or press **Snooze**, the alarm stops for a few minutes and then resumes.

**Note:** If the alarm time expires while the phone is switched off, the phone starts alarming. If you press **Stop**, the phone asks if you want to activate the phone for calls. Press **Yes** to register or **No** to keep the phone switched off.

**Note:** Do not switch on the phone when wireless phone use is prohibited or when it may cause interference or danger.

## Clock (Menu 4-2)

The phone is provided with a clock. When the phone is set to show the clock, the current time is shown in the top right of the display when the phone is in the standby mode.

In this menu you can set the time display to *On* or *Off*, set the time or select between the 12-hour or 24-hour time formats.

**Setting the clock:**

1. Once in Menu 4-2, press **Select**.
2. Scroll to *Set the time*, and press **Select**.
3. Enter the present time and press **OK**.

The clock also serves the following functions: *Messages* (Menu 1), *Call register* (Menu 2), *Alarm clock* (Menu 4-1), and *Calendar* (Menu 8).

**Note:** If the battery is removed from the phone for a long time, you may need to set the time again.

## Call settings (Menu 4-3)

### Anykey answer (Menu 4-3-1)

When this function is set to *On*, you can answer an incoming call by pressing any key briefly, except and .

### Automatic redial (Menu 4-3-2)

When this function is set to *On*, your phone will make as many as ten attempts to connect the call after an unsuccessful call attempt.

### Speed dialling (Menu 4-3-3)

When this function is set to *On*, the names and phone numbers assigned to the speed dial keys 2abc to 9wxyz can be dialled by pressing and holding the corresponding number key. Note that pressing and holding the 1oo key dials your voice mailbox number.


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### Call waiting service (Menu 4-3-4)

When this network service is activated, the network will notify you of a new incoming call while you have a call in progress. See "Call waiting" on page 12.

### Line for outgoing calls (Menu 4-3-5)

The SIM card may be used with two subscriber numbers, i.e. two phone lines. However, this is a network service and the function is available if your SIM card supports it. For more information on availability, please contact your network operator or service provider.

Within the menu 4-3-5, you can select the desired line for making calls. However, calls on both lines can be answered regardless of the selected line.

If you select line 2 and have not subscribed to this network service, you will not be able to make calls. You can prevent this menu function from being used by selecting the option *Lock* from the option list. You can get back to phone line 1 by pressing and holding when in the standby mode.

### Summary after call (Menu 4-3-6)

When you set this function to *On*, the phone will briefly display the duration and cost (network service) of the last call.

### Fax or data call (Menu 4-3-7)

Within this menu, you can make a fax or data call. Before using this function you need to activate the IR port of your phone within Menu 9 or to connect your phone to a compatible device (for example, a fax machine).

### Own number sending (Menu 4-3-8)

This network service allows you to set your phone number either to be displayed or hidden from the person you are calling. *Set by network* resets the phone to the default setting, *On* or *Off*, that you have agreed upon with your service provider.

**Note:** The numbering of the *Summary after call*, *Fax or data call* and *Own number sending* menus varies. If your SIM card does not support the *Line for outgoing calls* function, *Summary after call* is menu 4-3-5, *Fax or data call* menu 4-3-6 and *Own number sending* 4-3-7.

## Phone settings (Menu 4-4)

### Language (Menu 4-4-1)

Within this menu you can select the language in which the display texts are shown. If the setting *Automatic* is selected, the language used is chosen based on the current SIM card.

Language setting also affects the time and date formats of the following functions: *Alarm clock* (Menu 4-1), *Clock* (Menu 4-2), *Calendar* (Menu 8).

### Cell info display (Menu 4-4-2)

This network service allows you to set the phone to indicate when it is used in a cellular network based on Micro Cellular Network (MCN) technology (network service).

### Welcome note (Menu 4-4-3)

This menu allows you to write a message (up to 50 characters in length) that is shown briefly when the phone is switched on.

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### Network selection (Menu 4–4–4)

The network to which you are connected can be selected either automatically or manually.

In *Automatic* mode the phone automatically selects one of the cellular networks available in your area.

In *Manual* mode the phone will show a list of the available networks and you can select the network you wish to use if this network has a roaming agreement with your home network operator. If no such agreement is in force, the text *No access* will be displayed and you must select another network. The phone will stay in manual mode until the automatic mode is selected or another SIM card is inserted into the phone.

### Confirm SIM service actions (Menu 4–4–5)

See "SIM services (Menu 11)" on page 46.

## Communication settings (Menu 4–5)

### Info service (Menu 4–5–1)

This network service allows you to receive messages on various topics (such as weather or traffic conditions) from your service provider. For available topics and relevant topic numbers, contact your service provider.

By setting this menu to *On*, you will receive messages on the active topics. You can edit the list of topics, and mark a topic active or inactive.

*Topic Index* retrieves a list of available topics from the network. By selecting *Topics*, you can add a topic in the topics list. Key in the topic number and name. You can also edit or erase the topic list.

Select *Language* to set the language for the messages. Only messages in the selected language are shown.

**Tip:** You can save info service messages in the *Archive* folder or in one of the user-specified folders.

### Listen to voice messages (Menu 4–5–2)

When you enter this submenu, the phone automatically calls your voice mailbox at the phone number stored within Menu 4-4-3. Note that the voice mailbox is a network service and you may need to subscribe to it first.

**Tip:** To call your voice mailbox quickly, press and hold 1 when in the standby mode.

When the display text above the left selection key is **Listen**, press the key to call your voice mailbox number.

### Voice mailbox number (Menu 4–5–3)

Within this submenu, you can store and edit your voice mailbox number. Voice mailbox is a network service. For more information and for the voice mailbox number, contact your service provider.

### Service command editor (Menu 4–5–4)

From this submenu you can send service requests (also known as USSD commands), for example activation commands of network services, to your service provider. For more information, contact your service provider.


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## Security settings (Menu 4-6)

Your phone is equipped with a versatile security system to prevent unauthorised use of the phone or the SIM card. See also "Access codes" on page 50.

### PIN code request (Menu 4-6-1)

You can protect your SIM card by setting the phone to ask for your PIN code every time the phone is switched on. To do this, you need to set the menu *PIN code request* to *On*. You will need the PIN code to turn this request function on. The PIN code is usually supplied with the SIM card. If not, contact your service provider. You can change your PIN code in the *Change of access codes* menu (4-6-6).

**Note:** If you enter an incorrect PIN code three times in succession, the SIM card is blocked and you need to enter the PUK code to unblock the SIM card. See "Access codes" on page 50.

**Note:** Some SIM cards do not allow the PIN code request to be turned off.

### Call barring service (Menu 4-6-2)

This network service allows you to restrict incoming calls to and outgoing calls from your phone. A barring password is required for using this function.

You can select one of the following call restrictions:

- *Outgoing calls* to bar all outgoing calls.
- *International calls* to bar all calls to abroad when in the home country.
- *International calls except to home country* to bar all international calls except to calls to the home country when abroad.
- *Incoming calls* to bar all incoming calls.
- *Incoming calls when abroad* to bar all incoming calls when abroad.

For each of the above settings you can select *Activate*, *Cancel* or *Check status* (to show barred call types).

Within the submenu *Cancel all barrings* you can cancel all call restrictions.

**Note:** When calls are barred, calls may be possible to certain emergency numbers in some networks (e.g. 112 or other official emergency number).

### Fixed dialling (Menu 4-6-3)

This service restricts your outgoing calls to selected phone numbers, if this function is supported by your SIM card. To save and edit the numbers on the list, you will need to have the PIN2 code.

**Note:** When Fixed Dial Option is set on, calls may be possible to certain emergency numbers in some networks (e.g. 112 or other official emergency number).

### Closed user group (Menu 4-6-4)

This network service specifies the group of people whom you can call and who can call you. *Network default* resets the phone to use a user group the SIM card owner has agreed upon with the service provider. A closed user group is indicated by the icon. For more information contact your network operator or service provider.

**Note:** When calls are limited to Closed User Groups, calls may be possible to certain emergency numbers in some networks (e.g. 112 or other official emergency number).

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### Security level (Menu 4-6-5)

You can protect your phone against unauthorised use with the security code (security code). To do this, you need to set the menu function *Security level* to *Phone* or *Memory*.

- When set to *Phone*, the phone will ask for the security code whenever a SIM card is inserted into the phone that is not one of the five SIM cards used most recently with the phone.
- When set to *Memory*, the security code is required to enter the phone's internal phone book.

The security code is also required for using some functions, for example, to clear the phone book or to restore the factory settings. The security code is usually supplied with the phone (on an identification sticker). If not, contact your local dealer.

The factory setting for the security code is 12345. Change the code within the menu 4-6-6 *Change of access codes*. Keep the new code secret and in a safe place which is separate from the phone.

**Note:** If you enter an incorrect security code five times in succession, the phone is blocked and will not accept the correct security code for the next five minutes.

**Note:** When you change the security level, all the recent calls lists are cleared.

### Change of access codes (Menu 4-6-6)

With this menu you can change the access codes: security code, PIN code, PIN2 code and barring password. These codes can only include the characters 0 to 9. The phone prompts you to enter the current code and the new code. It also prompts you to verify the new code by entering it again.

**Note:** Avoid using access codes similar to the emergency numbers, such as 112, to prevent accidental dialling of the emergency number.

### Restore factory settings (Menu 4-7)

You can reset some of the menu settings to their original values. The security code is needed for this function.

## Call divert (Menu 5)

This network service allows you to direct your incoming calls to another number (for example, to your voice mailbox number). For details, contact your service provider.

Within Menu 5 you can select one of the following diverts:

- *Divert all voice calls.* All voice calls are diverted and no ringing tone is played at an incoming call.
- *Divert if busy.* Voice calls are diverted when your number is busy.

  **Tip:** If *Divert if busy* is activated, rejecting an incoming call will also divert the call.
- *Divert if not answered.* Voice calls are diverted when you don't answer a call within the preset timeout.
- *Divert if out of reach.* Voice calls are diverted when your phone is switched off or outside of the network service area.
- *Divert if not available.* Voice calls are diverted when your number is busy, when you don't answer a call, and when your phone is switched off or outside of the network service area.
- *Divert all fax calls.* All fax calls are diverted.
- *Divert all data calls.* All data calls are diverted.


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Select the option *Activate* to set the divert setting on if allowed by the network, *Cancel* to set the divert setting off or *Check status* to check whether the divert is activated or not.

To cancel all diverts, select the submenu *Cancel all diverts*.

**Tip:** The icon is shown in the standby mode when you have activated the *Divert all voice calls*. If you have two phone lines, the divert icon for your first line is and for the second line is .

## Games (Menu 6)

Your phone offers you four games to play: *Snake II*, *Pairs II* *Opposite*.

**Note:** Your phone must be switched on to use this function. Do not switch on the phone when the use of a wireless phone is prohibited or when it may cause interference or danger.

### To start a new game

1. Press **Menu**, scroll to *Games* and press **Select**.
2. In *Pairs II* and *Opposite*, select the option *New game*. In *Snake II* select the *1 player* option.

### To start a 2-player game

You can also play *Snake II* as a 2-player game via the IR port of your phone with a person who has the same game on a compatible phone. Before starting the 2-player game, ensure that the IR ports of the two phones are pointing at each other. See "Infrared (Menu 9)" on page 42.

To start the game both players should select the option *2 players*.

### Game options

- *New game* starts a new game session.
- *Level* allows you to set the level of difficulty for the selected game. Select the desired level with or and press **OK**.
- *Instructions* shows a help text on how to play the game. Scroll through the text with or .
- *Top score* shows the highest score.
- *Continue* allows you to resume a paused game.
- *Last view* shows the final view of the game immediately after the game ended.
- *Settings* allows you to set the lights and sounds on or off for a game.

## Calculator (Menu 7)

The calculator in your phone adds, subtracts, multiplies, divides, and converts currency values. This calculator has a limited accuracy and rounding errors may occur, especially in long divisions.

**Note:** Your phone must be switched on to use this function. Do not switch on the phone when the use of a wireless phone is prohibited or when it may cause interference or danger.

### Using the calculator

1. Press **Menu**, scroll to *Calculator*, and press **Select**.
2. When '0' is displayed on the screen, enter the first number in the calculation. To change the sign, press **Options**, scroll to *Change sign* and press **Select**.

   To add a decimal, press .

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3. To add, press * once (+ will appear).

   To subtract, press * twice (- will appear).

   To multiply, press * three times (* will appear).

   To divide, press * four times (/ will appear).

   Alternatively, press **Options**, scroll to the desired option, and press **Select**.
4. Enter the second number. Repeat these steps as many times as necessary. Press **Clear** to erase any mistakes.
5. For a total, press **Options**. Scroll to *Equals* and press **Select**.
6. To start a new calculation, first press and hold **Clear**.

## To make a currency conversion

1. To set the exchange rate, press **Options**, scroll to *Exchange rate* and press **Select**.
2. Scroll to either of the displayed options and press **Select**. Key in the exchange rate (press # for a decimal point) and press **OK**.
3. To make the conversion, key in the amount to be converted, press **Options**, scroll to *In domestic* or *In foreign* and press **Select**.

# Calendar (Menu 8)

The calendar helps you to keep track of reminders, calls that you need to make, meetings, and birthdays. The phone sounds an alarm tone when the set date for a meeting, birthday or a call is reached.

**Note:** Your phone must be switched on to use this function. Do not switch on the phone when the use of a wireless phone is prohibited or when it may cause interference or danger.

## Calendar views

### Day view

The day view shows the date and the icon(s) for each note type you have set for the day. See "Adding a calendar note" on page 41.

To access the day view, press **Menu**, scroll to *Calendar* and press **Select**.

### Note view

The note view allows you to view the details of the selected note.

**To access the note view:**

When in the day view, press **Options**, scroll to *View day notes* and press **Select**.


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### Week list

The week list allows you to scroll the calendar week by week.

**To access the week list:**

1. When in a day view, press **Options**.
2. Scroll to *View by weeks* and press **Select**.

**Tip:** In the day list and week list, you can quickly jump to a certain date by entering the date by using the number keys. For example, if today is the 9th and you key in 3, the phone jumps to the third day of the following month.

## Options list of calendar views

The option list of calendar views includes options for making a note, and for sending a note via the text message service or via IR.

The option list for day view and note view also includes options for erasing, editing, repeating and moving a note. For notes of type *Meeting*, *Call* and *Memo*, there is also an option for copying the note to another day and for repeating the note (every day, every week, biweekly or every year).

The *Settings* option allows you to set the date, time, date format, time format and week format for the calendar. The option *Auto erase* allows you to set the phone to delete old notes automatically after a specified time. However, the repeat notes (for example, birthday notes) will not be deleted.

## Adding a calendar note

1. Once in the *Calendar* menu, scroll with ⊡ or ⊡ to the desired date.
2. Press **Options**, scroll to *Make a note* and press **Select**.
3. Scroll to one of the following note types and press **Select**. For entering letters and numbers, see "Storing names and numbers" on page 15.

   - *Meeting* ( )

     Enter the note (or search for the name in the phone book) and press **OK**. Then enter the time or press ⊡ or ⊡ to reach the time and press **OK**.

   - *Call* ( )

     Enter the desired phone number (or search for it in the phone book) and press **OK**. Then enter the desired name (or search for it in the phone book) and press **OK**. Repeat this with the time.

   - *Birthday* ( )

     Enter the person's name and press **OK**, then repeat the same with the date of birth and year of birth (optional). If you enter the year of birth, the note shows the person's age after the name.

   - *Memo* ( )

     Enter the note and press **OK**.

4. Scroll with ⊡ or ⊡ to the desired alarm option (except for the *Memo* ) and press **Select**.

   The presence of a tone alert is indicated by when you view the notes.

**Tip:** When you are in the day view or week list, you can quickly go to today's day view by pressing .

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### When the phone alarms for a note

The phone flashes its lights, beeps, and displays the note (also when the phone is in the *Silent* mode). With a *Call* note on the display, you can call the displayed number by pressing . To stop the alarm and view the note, press **View**; to stop the alarm without viewing the note, press **Exit**.

## Infrared (Menu 9)

In this menu you can set up your phone to receive data through its infrared (IR) port. To use an IR connection, the device with which you want to establish a connection must be IrDA compliant. You can send or receive data such as business cards (names and numbers stored in the phone book) and calendar notes to or from a compatible phone or data device (for example, a computer) via the IR port of your phone.

For using your phone to send or receive data from such compatible devices, you need the appropriate communications software installed on them. Detailed installation instructions and the required system files can be found on the CD-ROM supplied with the phone or on the Nokia website (www.forum.nokia .com). Also refer to section 7. Data and Fax Communications.

**Note:** Your phone must be switched on to use this function. Do not switch on the phone when the use of a wireless phone is prohibited or when it may cause interference or danger.

### To send and receive data via IR

1. Ensure that the IR ports of the sending and receiving devices are pointing at each other and that there are no obstructions between the devices. The preferable distance between the two devices in an infrared connection is one meter at most.
2. When receiving data via IR, activate the IR port of your phone by entering the *Infrared* menu (Menu 9).
3. The user of the sending phone selects the desired IR function to start data transfer.

If data transfer is not started within two minutes after the activation of the IR port, the connection is cancelled and has to be started again.

**Note:** Your phone is a Class 1 Laser Product.

### Checking the status of an IR connection

The status of an IR connection is indicated by .

When is shown continuously, the IR connection is activated and your phone is ready to send and receive data via its IR port.

When is not shown, no IR connection exists.

When blinks, your phone is trying to connect to the other device or a connection has been lost.

## Mobile Internet Services (WAP) (Menu 10)

Various WAP (Wireless Application Protocol) service providers on the Internet maintain web pages specifically designed for mobile phones, offering services such as banking, news, weather reports, flight times, etc.


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**Note:** Check the availability of WML- based services, pricing and tarifs with your network operator and/or the WAP service provider. Service providers will also give you instructions on how to use their services.

These web pages use a Mark-Up language called WML (Wireless Mark-Up Language). Web pages using the Mark-Up language HTML (Hyper Text Mark-Up language) cannot be viewed on your phone.

**Note:** Your phone must be switched on to use this function. Do not switch on the phone when the use of a wireless phone is prohibited or when it may cause interference or danger.

You can access WAP services via the *Services* menu (Menu 13) after you have stored the settings required to access a service.

## Setting up the phone for the WAP services

Before you can access WAP services you need to store the required connection settings of a WAP service, from which you can visit the WAP pages they offer.

You get the connection settings from WAP service providers. They may send you the settings as a text message or you should key in the settings manually.

You can store the connection settings under one of the five sets in your phone. Each connection set contains the required settings for one WAP service and you need to store the settings for each WAP service only once.

## Saving the settings received as a text message

When you receive the connection settings as a text message, you will see the message *Service settings receive* on your display.

- To store the received settings, press **Options**, and scroll to *Save*.
- If you want to view the settings first, press **Options**, and scroll to *View*. The name and the homepage address of the received setting are displayed. Press **Save** to store the settings or **Back** to return to the option list.

### Keying in the settings manually

**Note:**You get the settings from WAP service providers. They will give you more specific information.

1. Press **Menu**; scroll to *Services* and press **Select**.
2. Scroll to *Settings* and press **Select**.
3. Press **Select** when *Connection settings* is displayed.
4. Scroll to a connection set and press **Options**.
5. Scroll to *Edit* and press **Select**.

   The settings are:

   - *Homepage* - write the homepage address of the connection set
   - *Connection type* - select *Continuous* or *Temporary*
   - *Connection security* - select *On* or *Off*.

     **Note:** When the connection security is on, the phone tries to use a secure line when a service is activated. If a secure line is not available, the connection will not be made. If you wish to connect anyway, with a non-secure connection, you must set the connection security to *Off*.
   - *Bearer* - select *SMS* or *Data*. The speed and cost differs according to the bearer you select. For pricing and more information, contact the WAP service provider.

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Key in the settings listed below as instructed by the service provider.

**SMS selected as the bearer**

*Server number*

*Service number*

**Data selected as the bearer**

*Dial-up number*

*IP address*

*Authentication type* - select *Secure* or *Normal*

*Data call type* - select  or . You can select a fixed data call type which also effects the data call speed. When *ISDN* is selected, the data call speed includes only the options *9600* and *14400* bps.

*Data call speed* - *Automatic* selects the data call speed automatically but this is not possible if *ISDN* has been selected as the data call type. The speed of the data call depends on the service provider.

*User name*

*Password*

### Editing the settings

There is space for five connection sets in your phone. To add a new set you have to overwrite an existing stored set if the five sets are already being utilized. For instructions, see "Keying in the settings manually" on page 43. By selecting the option *Rename*, you can rename the connection set.

You can choose whether images are shown or not and how the text is shown on the display when you are browsing a WAP page. In some cases WML pages may have text wrapping set to off (that is, lines are cut when there is no more space on the line) as a default; select *On* to see the whole text.

1. Press **Menu**, scroll to the *Services* and press **Select**.
2. Scroll to *Settings* and press **Select**.
3. Scroll to *Appearance settings* and press **Select**.
4. Scroll to *Text wrapping* or *Show images* and press **Select**.
5. Select *On* or *Off* for *Text wrapping* and *Yes* or *No* for *Show images*.

## Accessing WAP pages

Once you have stored all the required connection settings you can access WAP pages. There are three different ways of accessing WAP pages:

- Opening a homepage (by selecting *Home* in the options of the *Services* menu)
- Selecting a bookmark (by selecting *Bookmarks* in the options of the *Services* menu)
- Entering the address of a WAP page (by selecting *Go to address* in the options of the *Services* menu)

First, you need to activate the connection set of the WAP service you want to use. Only one set can be activated at a time.

### Activating a connection set

1. Press **Menu**, scroll to *Services* and press **Select**.
2. Scroll to *Settings* and press **Select**.
3. Press **Select** when *Connection settings* is displayed.
4. Scroll to the desired connection set and press **Options**. Then scroll to *Activate* and press **Select**.


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### Accessing a WAP page by opening the homepage

1. When you are in the standby mode, press **Menu**, scroll to *Services* and press **Select**.
2. To connect to the homepage of the service, press **Select** when *Home* is highlighted.

### Bookmarks

You can save the addresses of up to 15 of your favourite or most frequently used WAP pages in the phone's memory.

#### Adding bookmarks

1. Press **Menu**, scroll to *Services* and press **Select**.
2. Scroll to *Bookmarks* and press **Select**
3. Press **Options**, then press **Select** when *Add bookmark* is highlighted.
4. Enter the address of the desired service and press **OK**. Then enter a title for the service and press **OK**

**Tip:** You can also add a bookmark while browsing. First press **Options** and scroll to *Bookmarks* and press **Select**. Then press **Options** and select *Save bookmark* and press **Select**.

#### Accessing a WAP page by using the bookmarks

1. Press **Menu**, scroll to *Services* and press **Select**.
2. Scroll to *Bookmarks* and press **Select**.
3. Scroll to the desired bookmark and press **Options**. To connect to the service, scroll to *Go to* and press **Select**.

**Note:** A bookmark may become associated with the connection setting that you used when it was first added. If the bookmark does not work (the text *Check service settings* may be displayed), you may need to activate another connection set.

### Accessing a WAP page by entering its address

1. Press **Menu**, scroll to *Services* and press **Select**.
2. Scroll to *Go to address* and press **Select**.
3. Key in the address (use the key * to enter special characters) of the WAP page you want to visit and press **OK**.

   **Note:** It is not necessary to enter the prefix http://; it will be added automatically. If you are using a protocol other than http (such as ftp), you will have to enter the prefix.

## Viewing WAP pages

When you are connected to the homepage of a WAP service, follow the text guides on the phone's display.

### Keys used in WAP navigation

- Press , e.g. to select a link
- Use the scroll keys and to view a WAP page
- Press to disconnect from a WAP page and to quit browsing
- Press the keys 2abc - 9wxyz to enter letters and numbers and the key * to enter special characters
- Press the right selection key e.g. to go back to the previously accessed WAP page
- Press the left selection key e.g. to display the list of options

  While you are browsing a service, pressing **Options** displays the currently available option list. Scroll to the desired option and press **Select**. Here are some of the possible options which may become available while browsing:
  *Home* (to go to the homepage), *Reload* (to reload the page), *Select* (to select a link), *Back* (to go back to the previously

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accessed WAP page), *Appearance settings* (to set the settings for the text and images), *Bookmarks* (to add a bookmark), *Use number* (to extract numbers from the service you are using or from the page that is displayed), *Go to address* (to enter the address of the WAP page you wish to access), *Clear the cache* (to clear the cache memory of the phone), *Security info* (to see whether the connection is secured or not) and *Exit* (to quit browsing).

## Emptying the cache

The information or services you have accessed are stored in the cache memory of the phone. A cache is a buffer memory that is used to store data temporarily.

**Note:** If you have tried to access or have accessed confidential information requiring passwords (for example, your bank account), empty the cache of your phone prior to each use to secure the confidentiality

1. Press **Menu**, scroll to *Services* and press **Select**.
2. To empty the cache memory of your phone, scroll to *Clear the cache* and press **Select**.

## Security certificates

For using some services, you need a security certificate. A security certificate is used to enable secure communications with a WAP gateway or a server. The certificates are used to check signatures of WAP gateway or server certificates and can be downloaded during browsing.

You can only be sure of the correct identity of a WAP gateway or a server when the signature and the period of validity of a WAP gateway or a server certificate have been checked.You will be notified on the phone's display if the identity of the WAP server or gateway cannot be verified, the WAP server or gateway is not authentic or if you do not have the right security certificate in your phone.

After you have downloaded the required security certificate from the Internet, you can view the certificate and then save or delete it. If you save it, the certificate is added to the list of security certificates in the *Services* menu.

**To view the list of security certificates:**

1. Press **Menu**, scroll to the *Services* menu and press **Select**.
2. Scroll to *Settings* and press **Select**.
3. Scroll to *Security certificate* and **Select**.

**Note:** When the security icon is displayed, the data transmission between the phone and the WAP gateway or a server (identified by the *IP address* in the *Connection settings*) is encrypted and secure. However, the security icon does not indicate that the data transmission between the gateway and the content server (place where the requested resource is stored) is secure. It is up to the service provider to secure the data transmission between the gateway and the content server.

# SIM services (Menu 11)

In addition to the functions available in the phone, your SIM card may provide additional services that you can access in the menu 11. Menu 11 is shown only if it is supported by your SIM card. The name and contents of the menu depend entirely on the services available.


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For availability, rates and information on using the SIM services, contact your SIM card vendor, e.g. your network operator, service provider or other third-party vendor.

You can set the phone to show you the confirmation messages sent between your phone and the network when you are using the SIM services by selecting the option *Asked* within the menu 4-4-5 ( *Confirm SIM service actions*).

**Note:** Accessing these services may involve sending a text message (SMS) or making a phone call for which you may be charged.

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# 7. Data and fax communications

Your phone allows you to transfer data to other devices when it is connected to a PC via an IR connection or a serial cable.

To send and receive e-mail and faxes, connect to computers and access the Internet, you also need the appropriate data and fax communications software installed on your computer. You can use the Nokia 6210 with a variety of commercially available data and fax communications applications.

For using your phone as a modem, you first need to install it as a modem. Detailed installation instructions and the required system files can be found on the CD-ROM supplied with the phone or on the Nokia website (www.forum.nokia.com).

## Connecting your phone to a computer

### Installing communications applications and modem drivers

1. Ensure that a data communication application is correctly installed on your PC. For information on how to install an application, please refer to that application's documentation.
2. Install the necessary drivers on your PC. For convenience, use the applications provided with the CD-ROM. For instructions, see the modem setup application provided on the CD-ROM or on the Nokia website (www.forum.nokia.com).

   For troubleshooting, please refer to the Readme.txt file which can be found on the CD-ROM or on the Nokia website (www.forum.nokia.com).

### HSCSD – High Speed Circuit Switched Data

The Nokia 6210 has a built-in high-speed GSM data communication capability that enables the use of GSM high-speed data services. You can use high-speed functionality when your phone is connected to a computer via an IR connection or a serial cable and when the modem drivers supporting high-speed data software are installed on your computer and selected as an active modem. For availability of high-speed data services and subscription to services, please contact your network operator or service provider.

With the GSM high-speed data service you can use the Internet and other services much faster than usual. When sending and receiving e-mail, the 14.4 kbps data transmission speed can be doubled up to 28.8 kbps. In Internet connections a download speed of up to 43.2 kbps can be achieved if supported by the equipment of the network operator and the Internet service provider.

**Note:** Sending data in HSCSD mode drains your battery faster than normal voice or data calls as the phone is sending data faster. For continuous usage, connect the phone to a charger.


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## Using communications applications

Do either of the following:

If you use IR:

- Activate the IR connection of your phone by selecting Menu 9.
- Make sure that the infrared port of the phone faces the infrared port of the PC.

If you use a cable:

- Connect the DLR-3P cable to the serial port on the back of your PC.
- Connect the DLR-3P cable to your phone.

Start using the data communication application on the PC. For information on how to use the application, please refer to that application's documentation.

**Note:** Making or answering phone calls during a PC connection is not recommended as it might disrupt the operation.

For better performance during data calls, place the phone on a stationary surface with the keypad facing downward. Do not move the phone by holding it in your hand during a data call.

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# 8. Reference information

## Access codes

You can use the access codes described in this section to avoid unauthorised use of your phone and SIM card.

The access codes (except the PUK and PUK2 codes) can be changed by using Menu 4-6-6. See the following section.

### Security code (5 digits)

The security code can be used to avoid unauthorised use of your phone. The security code 12345 is supplied with your phone. To avoid unauthorised use of your phone, change the code in the *Settings* menu, see "Security level (Menu 4-6-5)" on page 38 and "Change of access codes (Menu 4-6-6)" on page 38. Keep the new code secret and in a safe place separate from your phone.

### PIN code (4 to 8 digits)

The PIN (Personal Identification Number) code protects your SIM card against unauthorised use. The PIN code is usually supplied with the SIM card. When the PIN code request is enabled (Menu 4-6-1), the code is requested each time the phone is switched on.

### PIN2 code (4 to 8 digits)

The PIN2 code, supplied with some SIM cards, is required to access some functions, such as charging unit counters. These functions are only available if supported by your SIM card.

### PUK code (8 digits)

The PUK (Personal Unblocking Key) code is required to change a blocked PIN code. The PUK code may be supplied with the SIM card. If not, contact your local service provider for the code. If you lose the code, contact your service provider.

### PUK2 code (8 digit)

The PUK2 code, supplied with some SIM cards, is required to change a blocked PIN2 code. If you lose the code, contact your service provider.

### Barring password

The barring password is needed when using the 'Call Barring' function. You obtain the password from your service provider.

## Battery information

### Charging and discharging the battery

- Your phone is powered by a rechargeable battery.
- Note that a new battery's full performance is achieved only after two or three complete charge and discharge cycles!
- The battery can be charged and discharged hundreds of times but it will eventually wear out. When the operating time (talk time and stand-by time) is noticeably shorter than normal, it is time to buy a new battery.
- Use only batteries approved by the phone manufacturer and recharge your battery only with the chargers approved by the manufacturer.


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- When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for longer than a week, since overcharging may shorten its life. If left unused a fully charged battery will discharge itself over time.
- For good operation times, discharge the NiMH battery from time to time by leaving your phone switched on until it turns itself off. Do not attempt to discharge the battery by any other means.
- Temperature extremes will affect the ability of your battery to charge: allow it to cool down or warm up first.
- When the battery is running out of power and only few minutes of talk time remain, a warning tone is heard and *Battery low* is briefly displayed. When no more talk time is left, *Battery empty* is displayed and a warning tone is sounded and the phone switches itself off.

## Using the batteries

- Use the battery only for its intended purpose.
- Never use any charger or battery which is damaged or worn out.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes direct connection of the + and - terminals of the battery (metal strips on the back of the battery) for example when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object.
- Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C (59°F and 77°F). A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Battery performance is particularly limited in temperatures below freezing point.
- Do not dispose of batteries in a fire!

Batteries must be recycled or disposed of properly.

Must not be disposed of in municipal waste!

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# Care and maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfill any warranty obligations and to enjoy this product for many years. When using your phone, battery, charger OR any accessory:

- Keep it and all its parts and accessories out of small children's reach.
- Keep it dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use or store it in dusty, dirty areas. Its moving parts can be damaged.
- Do not store it in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store it in cold areas. When the phone warms up (to its normal temperature), moisture can form inside the phone, which may damage electronic circuit boards.
- Do not attempt to open it. Non-expert handling of the device may damage it.
- Do not drop, knock or shake it. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint it. Paint can clog the device's moving parts and prevent proper operation.
- If the phone, battery, charger or any accessory are not working properly, take them to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.


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# Important safety information

## Traffic safety

Do not use a hand-held telephone while driving a vehicle. If using a hand-held phone park the vehicle before conversing. Always secure the phone in its holder; do not place the phone on the passenger seat or where it can break loose in a collision or sudden stop.

The use of an alert device to operate a vehicle's lights or horn on public roads is not permitted.

Remember road safety always comes first!

## Operating environment

Remember to follow any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger.

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (Held to your ear.).

Do not point the infrared beam at anyone's eye or allow it to interfere with other infrared devices.

## Electronic devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

### Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 20 cm (6 inches) be maintained between a hand-held wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemaker:

- Should always keep the phone more than 20 cm (6 inches) from their pacemaker when the phone is switched on;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, switch off your phone immediately.

### Hearing aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

### Other medical devices

Operation of any radio transmitting equipment, including cellular phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions.

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Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles (e.g. electronic fuel injection systems, electronic anti-skid (anti-lock) braking systems, electronic speed control systems, air bag systems).

Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Switch your phone off in any facility where posted notices so require.

## Potentially explosive atmospheres

Switch off your phone when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch off the phone when at a refuelling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats; chemical transfer or storage facilities; vehicles using liquified petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

## Vehicles

Only qualified personnel should service the phone, or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty which may apply to the unit.

Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.

Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.

For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Switch off your phone before boarding an aircraft. The use of wireless telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network and may be illegal.

Failure to observe these instructions may lead to suspension or denial of telephone services to the offender, or legal action or both.


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## Emergency calls

**IMPORTANT!** This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions which cannot guarantee connection in all conditions. Therefore, you should never rely solely upon any wireless phone for essential communications (e.g. medical emergencies).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate cellular signal strength. E mergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local cellular service providers.

## To make an emergency call:

1. If the phone is not on, switch it on.

   Some networks may require that a valid SIM card is properly inserted in the phone.
2. Press as many times as needed (e.g. to exit a call, to exit a menu, etc.) to clear the display.
3. Key in the emergency number for your present location (e.g. 112 or other official emergency number). Emergency numbers vary by location.
4. Press the key.

If certain features are in use (Keypad lock, Fixed Dialling, etc.), you may first need to turn those features off before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your wireless phone may be the only means of communication at the scene of an accident - do not cut off the call until given permission to do so.

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# Important User Information

This section explains how to deactivate the E FR CODEC should you find that it is difficult to make or receive calls when travelling and roaming onto another net-work.

## 1. Introduction

The Nokia 6210 (GSM) come equipped the latest codec and audio technology for superior sound and voice quality.

Currently, there are three different codecs defined for GSM/PCN:

- full-rate (FR)
- enhanced full-rate (EFR)
- half-rate (HR)

The Nokia 6210 phone can support all these codes.

The FR codec is supported by all GSM 900/ 1800 cellular networks and phones.

The network automatically selects which codec is used, FR or EFR (if supported by the network).

The Nokia phone supplied within this sales package has the EFR codec activated to so that you can automati-cally enjoy the benefits of EFR if supported by your network operator. Currently only some networks sup-port the EFR codec in addition to the FR codec.


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# Genuine Accessories

A new extensive range of accessories are available for your phone. You can select the accessories that accommodates your specific communication needs.

For availability of the accessories, please check with your local dealer. A few practical mies for accessories operation:

- Keep the accessories out of small children's reach.
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.
- Check regularly that all cellular phone equipment in a vehicle is mounted and operating properly.

Use only batteries, chargers and accessories approved by the phone manufacturer. The use of any other types may invalidate any approval or warranty applying to the phone, and may be dangerous.

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## BATTERY

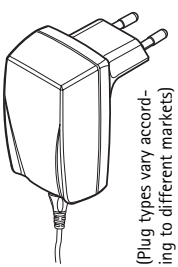
| Battery options | Talktime | Standby Time |
|---|---|---|
| Lightweight battery Li-Polymer 1100mAh | 3hrs-5hrs 30m | 60hrs-310hrs |
| Ultra-slim battery, LiPolymer 600mAh | 1hr 40m - 3hrs | 35-170 hrs |
| Slim battery, Li-Ion, 900mAh | 2hrs 30m - 4hrs 30m | 55-260 hrs |
| Standard battery, NiMH, 900mAh | 2hrs 30m - 4hrs 30m | 55-260 hrs |
| Extended battery, Li-Ion, 1500mAh | 4hrs 30m - 7hrs | 95-430 hrs |

## INDOOR

### Fast & Light Charger (ACP-8)

Extremely light, the functionally designed multi-voltage Fast and Light Charger. ACP-8, charges your phone battery quickly. Plug the charger into a wall socket and insert the connector to the bottom of your phone.

The charging time is approximately 2 hours for Slim battery. Check the charging status on the phone display. You can also use your phone while charging. The Fast and Light Charger can also be used with the Desktop Stand, DCH-8.



(Plug types vary according to different markets)

### Desktop Stand (DCH-8)

This Desktop Stand provides you with an ideal solution to charge your phone battery and also to keep them in a ready-to-use, ergonomic position. To charge, simply plug your charger into the Stand and the wall outlet. The Desktop Stand connects easily to your charger ACP-7 or ACP-8.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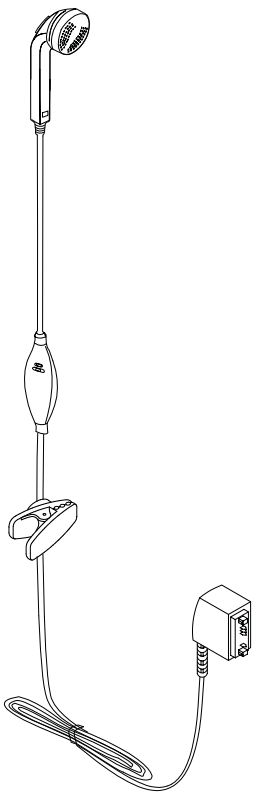
# INDOOR & VEHICLE

## Personal Handsfree Kit with Remote Control (HDC-9P)

The compact and functional personal Handsfree Kit with Remote Control. By using the remote control op-tion, you can answer and end calls by pressing the button on the microphone part of the Personal Handsfree. A cost effective handsfree solution for indoor or outdoor use.



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# VEHICLE

## Mobile Charger (LCH-9)

The multivoltage Mobile Charger, LCH-9, ensures your phone is always ready for use wherever you travel. This small charger's functional design fits most car lighters and interiors.

A green light indicates that the Mobile Charger is ready for charging. Check the charging status on the phone display. The input voltage can be 12 or 24 V DC, negative grounding.

Avoid prolonged charging with the Mobile Charger when the car engine is not running; this may cause the battery of your car to drain. Note also that in some cars the cigarette lighter plug is not provided with elec-tricity if the ignition is switched off. Verify that the green LEO light is on.

## Phone Holder (MBC-1)

Designed to fit and complement your car's interiors, the Phone Holder, MBC-1, holds your phone firmly in place.

You can easily place the phone into the holder with a hand.

Pressing the release button on either side of the holder loosens the bottom lock. You can now remove the phone from the holder and take it with you.

The Phone Holder is easy to install in a convenient location.

Always secure the phone in its holder. Do not place the phone on the passenger seat or in a place where in can break loose in a collision or sudden stop.

## Complete Handsfree Car Kit (CARK-91)

You may choose Complete Handsfree Car Kit to provide a convenient charging facility with an external antenna connection, handsfree capability, and excellent sound quality.

- Phone Holder, MCC-1, keeps your phone firmly in place. You can easily insert or remove the phone from the phone holder with one hand.
- The Handsfree Unit, HFU-2, with external speaker and HF-Microphone, HFM-8 offers you a seamless handsfree function.
- The External Antenna Connector provides optimum reception quality.
- Standard features include ignition sense, car radio mute and motorised antenna control.
- For Australia and New Zealand, it is advised that car kits are installed to the AS/NZS 4346 Standard.


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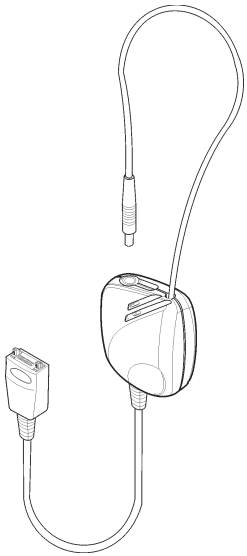
## Mobile inductive loopset for people with hearing aids (LPS-1)



The LPS-1 is a convenient, easy-to-use portable accessory for users of hearing aids. It connects directly to the bottom of your phone and enables you to use a hearing aid together with your mobile phone.

The LPS-1 is worn around the neck and contains a microphone within the device therefore you do not need to hold the phone near your ear. Additionally the phone can be attached to your belt with the use of the optional belt clip or you can place it in your pocket.

The operation of this device is based on induction technology used in public places: a loop system sends out wireless sounds to be picked up by the telecoil of the hearing aid (switched to T-mode).

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